

# Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #47—May 19, 2008

## Work Completed: May 8-May 14, 2008

- Completed removal of soil and sediment from Removal Area 9A.
- Continued removal of soil and sediment from Removal Area 10B1.
- Began removal of soil and sediment from Removal Area 10A and 12A1.
- Completed installation of the resuspension control system in Removal Area 10A.
- Continued soil/sediment solidification activities at Staging Areas 4N and 3S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 3S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Began post-excavation work in Removal Area 9A.
- Continued tree and shrub planting in areas excavated during the 2007 construction season.

| Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities |  |                                     |  |   |
|---|--|-------------------------------------|--|---|
| Date  | Estimated Quantity TSCA-material (cubic yards) | Number of Truck Loads TSCA-material | Estimated Quantity Non-TSCA material (cubic yards) | Number of Truck Loads Non-TSCA material |
| Weekly Total  | 0  | 0                                   | 3,220  | 92                                      |
| 2008 Total  | 0  | 0                                   | 16,695   | 477                                     |
| Project Total to Date   | 3,150  | 90                                  | 50,610   | 1,446                                   |

\*\* All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

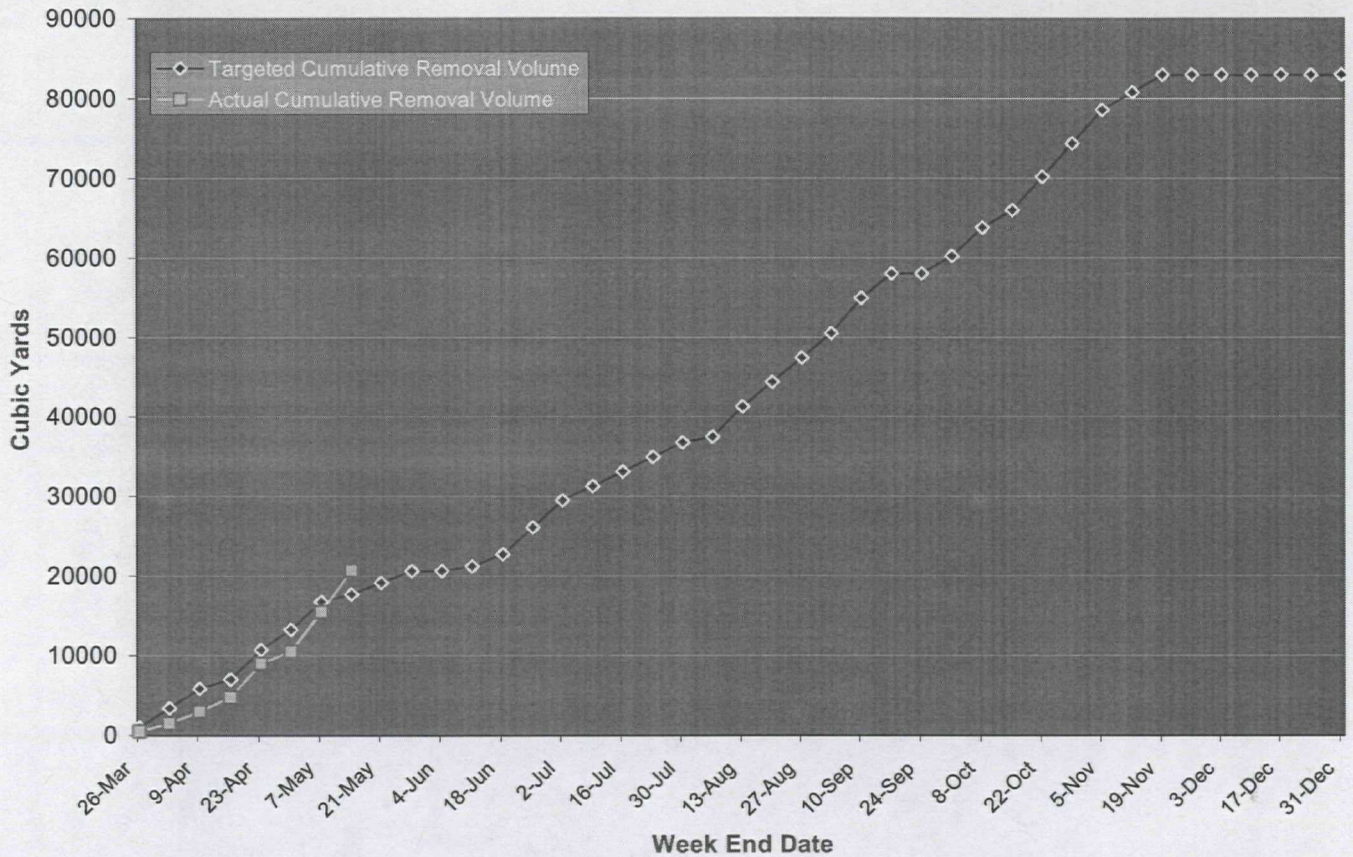


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***Work Planned: May 15-May 21, 2008***

- Begin clearing and grubbing in, and developing access to, Removal Area 11B.
- Continue removing soil and sediment from Removal Areas 10A, 10B, 10B1, and 12A1.
- Complete installation of the resuspension control system around the Midchannel C Area.
- Continue soil/sediment solidification activities at Staging Areas 4N and 3S.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 3S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Complete the removal of the Phase 1 Cofferdam's steel sheeting and finish cleaning and maintenance of the steel sheeting in preparation for reusing the steel sheeting in the Phase 2 Cofferdam.
- Begin loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and from Removal Area 10B1 to EQ's Wayne County Disposal Facility located in Belleville, Michigan.
- Continue post-excavation work in Removal Area 9A.
- Complete tree and shrub planting in areas excavated during the 2007 construction season.

**Removal Progress**

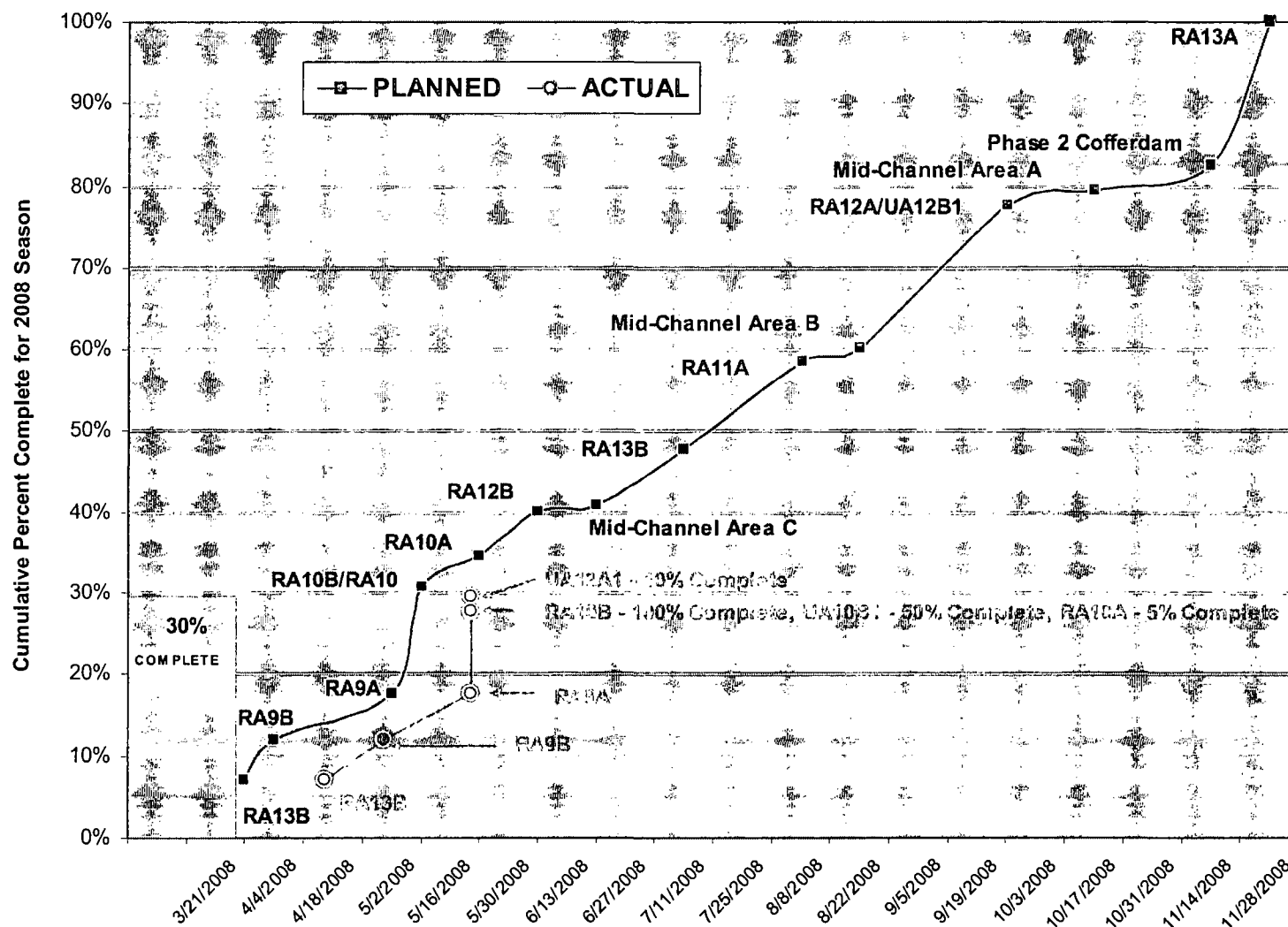


**Notes:**

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

## Removal Progress



### Notes:

For Areas where removal is less than 100%, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

***Health & Safety Update***

- 5 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 141 LPOs have been completed for the project to date.

***Weather Summary***

- Site activities were suspended on May 14<sup>th</sup> due to thunderstorms and lightning.

***Environmental Monitoring and Construction Quality Assurance Testing***

**Resuspension/Turbidity Monitoring:**

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Dewatering System Discharge Monitoring:**

Discharge Flow: 0 gallons

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

**Excavation Verification Sampling:**

Testing Performed this Week? No ☐ Yes ☒ in Removal Areas 9A

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

***Issues Encountered/Solutions Advanced***

- None.

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**Equipment on Site**

| Equipment                           | 5/8/08 | 5/9/08 | 5/10/08 | 5/11/08 | 5/12/08 | 5/13/08 | 5/14/08 |
|-------------------------------------|--------|--------|---------|---------|---------|---------|---------|
| Komatsu PC-300 Excavator            | 4      | 4      | 4       | 4       | 4       | 4       | 4       |
| Komatsu PC-300 HD Long Reach        | 2      | 2      | 2       | 2       | 2       | 2       | 2       |
| Komatsu PC-200 Excavator            | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| John Deere JD-50 Mini-Excavator     | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| John Deere JD-450 Dozer             | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| John Deere JD-700 Dozer             | -      | -      | -       | -       | -       | -       | -       |
| Komatsu D37 Dozer                   | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| Komatsu D61 Dozer                   | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| Komatsu D65 Dozer                   | -      | -      | -       | -       | -       | -       | -       |
| Volvo P-180 Loader                  | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| Komatsu 380 loader                  | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| CAT 328 Loader (King)               | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| FAVCO 40-ton Crane                  | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| 40' Self Propelled Work Barge       | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| American 80-ton Crane (King)        | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| 2,000 Gallon Water Truck            | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| Smooth Drum Roller                  | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| John Deere Skidsteer                | 1      | 1      | 1       | 1       | 1       | 1       | 1       |
| Vermeer Chipper                     | -      | -      | -       | -       | -       | -       | -       |
| Komatsu 400 Articulating Dump Truck | 2      | 2      | 2       | 2       | 2       | 2       | 2       |

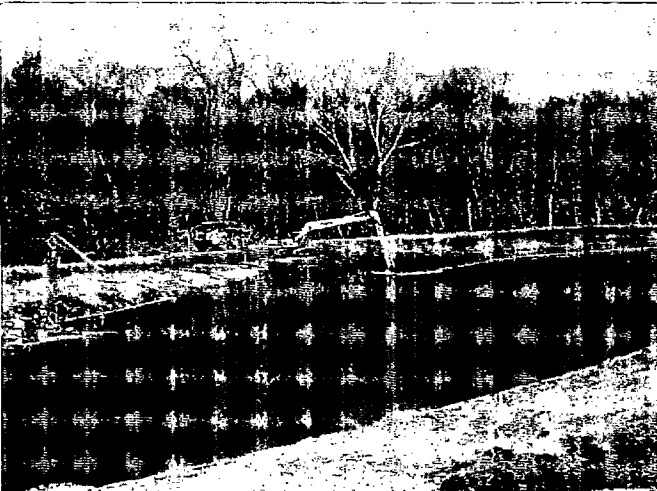


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**Personnel, Regulatory Staff, and Visitors on Site**

| Individual/Affiliation         | 5/8/08 | 5/9/08 | 5/10/08 | 5/11/08 | 5/12/08 | 5/13/08 | 5/14/08 |
|--------------------------------|--------|--------|---------|---------|---------|---------|---------|
| Terra Contracting Staff        | 25     | 25     | 19      |         | 25      | 25      | 25      |
| Jim Saric/USEPA                |        |        |         |         |         |         |         |
| Michael Berkoff/USEPA          |        |        |         |         |         |         |         |
| Mike Ribordy/USEPA OSC         | X      | X      |         |         |         |         |         |
| Tom Crosetti/USEPA             |        |        |         |         |         |         |         |
| Paul Bucholtz/MDEQ             | X      |        |         |         |         | X       |         |
| John Bradley/MDEQ              |        |        |         |         |         |         |         |
| Judith Gapp/MDEQ               |        |        |         |         |         |         |         |
| Todd Goeks/NOAA                | X      |        |         |         |         |         |         |
| John Lerg/MDNR                 | X      |        |         |         |         |         |         |
| Sharon Hanshue/MDNR            | X      |        |         |         |         |         |         |
| Lisa Williams/USFWS            | X      |        |         |         |         |         |         |
| Weston Contractors             | X      | X      |         |         | X       | X       | X       |
| CDM Contractors                | X      | X      | X       |         | X       | X       | X       |
| Chase Fortenberry/KRSG         |        |        |         |         |         |         | X       |
| Mark Brown/KRSG                |        |        |         |         |         |         | X       |
| Antony Esposito/ARCADIS        | X      |        |         |         |         |         |         |
| Scott Harcus/ARCADIS           | X      | X      |         |         | X       | X       | X       |
| Eric Hritsuk/ARCADIS           |        | X      | X       |         |         |         |         |
| Wendell Miller/ARCADIS         | X      | X      | X       |         | X       | X       | X       |
| Matt Bowman/ARCADIS            | X      | X      |         |         |         | X       | X       |
| EJ Suardini/ARCADIS            |        |        |         |         | X       | X       | X       |
| Mike Kohagen/ARCADIS           | X      | X      | X       |         | X       | X       | X       |
| Michelle Rumler/ARCADIS        | X      | X      |         |         | X       | X       | X       |
| Joe Willoughby/ARCADIS         | X      | X      | X       |         | X       | X       | X       |
| Ben Lawrence/ARCADIS           | X      | X      |         |         | X       | X       | X       |
| Dave Patterson/ARCADIS H&S     |        |        |         |         |         | X       | X       |
| ARCADIS H&S Audit Team         |        |        |         |         |         | X       | X       |
| Nick Harmer/ARCADIS            | X      | X      |         |         | X       | X       | X       |
| Other Subcontractors (Specify) |        |        |         |         |         |         |         |
| King Co.                       |        |        |         |         |         |         |         |
| JF New                         | 2      |        |         |         |         | 5       | 3       |

***Photos from Week #47***



Removing soil and sediment from Removal Area 9A.



Installing stone in Removal Area 9A following completion of excavation work.



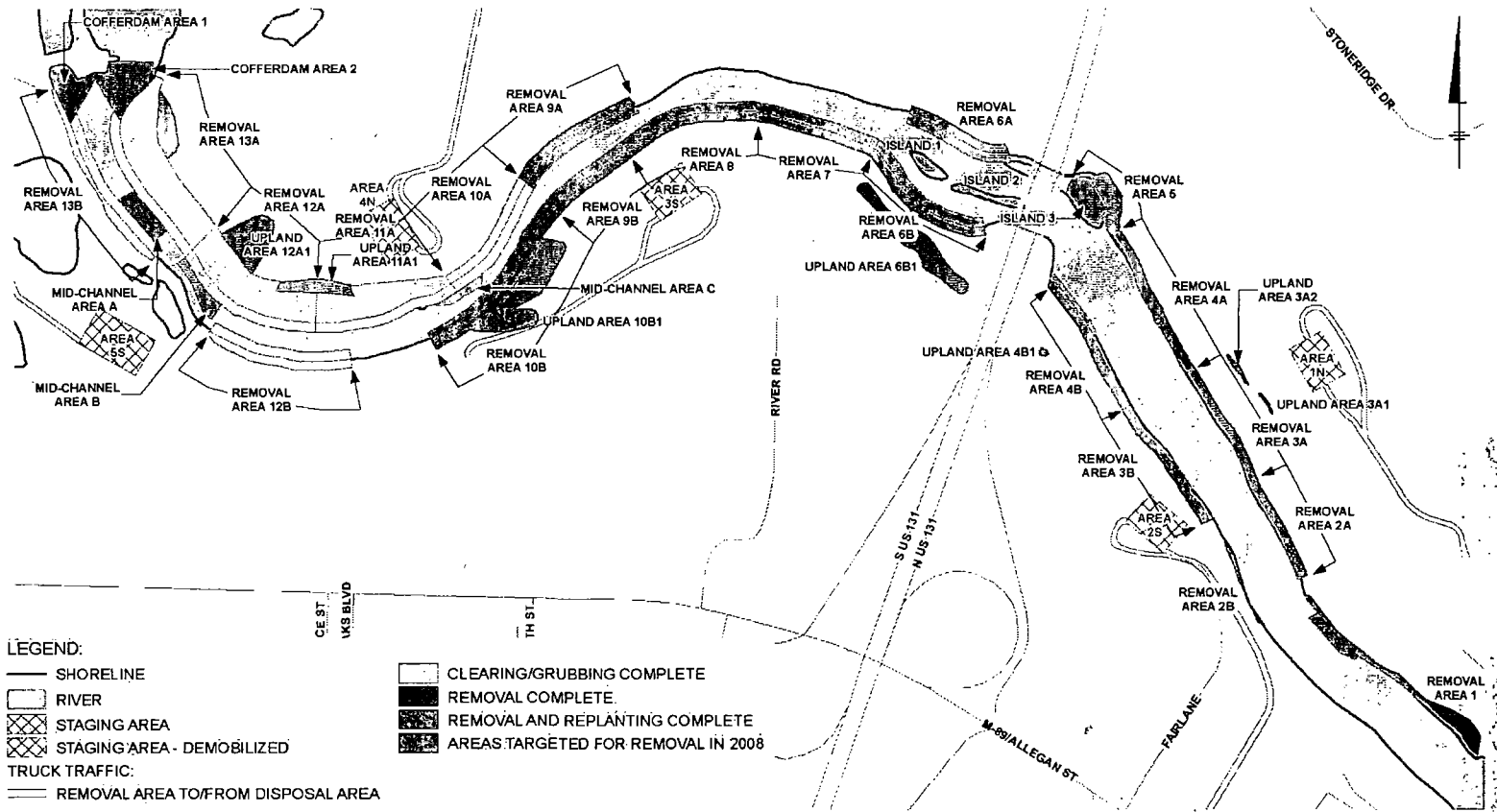
Excavating soil and sediment in Upland Area 12A1.



Planting trees and shrubs in Removal Area 4A.



**Targeted Removal Areas—Former Plainwell Impoundment**



**Notes:**

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.